

From boatanchors@theporch.com Sun Oct 29 22:39:00 1995
From: Andy Howard WA4KCY <102452.362@compuserve.com>
Subject: AM INTERNATIONAL
Message-ID: <951029211655_102452.362_DHT66-1@CompuServe.COM>

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Andy, WA4KCY
Southeastern Director,
AM International

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995
From: "Gary H. Harmon, Jr." <gharmon@legend.txdirect.net>
Subject: Azden Mike Connector
Message-ID: <9510300533.AA11716@legend>

I know this is probably a silly question, but I must ask it.....anyone have one or two of the wierd Azden PCS-3000 microphone connectors (10 or 12 pin, I think). I want to put this puppy on packet without having to destroy the mike or rewire the transceiver. Help! 73,

=====
Gary H. Harmon, Jr., K5JWK gharmon@txdirect.net
6302 Robin Forest K5JWK@K3WGF.STX.USA.NOAM
San Antonio, TX 78239

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995
From: HAMRLUND@aol.com
Subject: B&W turns counters....SOLD
Message-ID: <951029202329_78865945@emout05.mail.aol.com>

thanks
robert

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995
From: Ray Johnston <visions@gate.net>
Subject: BA Sightings: Port St. Lucie FL
Message-ID: <Pine.A32.3.91.951029194526.21198B-100000@navajo.gate.net>

Well, I'm back from the Second Annual Port St. Lucie Hamfest (FL), and had a great time. The small hamfests are always the best. Anyway, it seems to be tradition to list what was found, so here goes:

Hammarlund HQ-110, matching speaker \$50
Hallicrafters SX-110, matching speaker, spare tube set \$35
Hallicrafters SX-130 \$10
Hallicrafters S-41G \$10
Hallicrafters SR-150, PS-150-120 mint \$125
Another PS-150-120 \$45
Hallicrafters SX-99 \$35
Collins 75A3 \$35
Bird Wattmeter slugs \$0 (yes, he was giving them away)
Hammarlund SP-600 (JX-14 I believe) \$200
Gonset Communicator IV (6 meter), Viking VFO, antenna tuner \$3
Hallicrafters HA-2 2 meter transverter, spare finals \$30

Well, that's all I remember. Good hunting to you all...

Oh, yes, still looking for a good Drake 1-A, 2-A, Hallicrafters SR-400A, SR-2000, National NC-300 speaker, converter cabinet/converters.

Ray Johnston (visions@gate.net) Boca Raton FL USA

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995
From: HAMRLUND@aol.com
Subject: Re: BA Sightings: Port St. Lucie FL
Message-ID: <951029203201_92765348@emout06.mail.aol.com>

In a message dated 95-10-29 20:15:13 EST, you write:

>Collins 75A3 \$35
>Hammarlund SP-600 (JX-14 I believe) \$200

Can this be true? Hammarlund has finally surpassed Collins in Price.

; -)

robert

From boatanchors@theporch.com Sun Oct 29 22:39:00 1995
From: morriso@vifp.monash.edu.au (Morris Odell)
Subject: Re: bad cap kills R-390A filters
Message-ID: <199510290149.MAA27958@brain.vifp.monash.edu.au>

Hi,

>I read in an issue of the Hollow State Newsletter that there is
>a paper cap in the filter circuit of the R-390A. (Nowhere near a manual
>now...sorry.) I would assume this is the coupling cap into the filter.

Yes, this is C553 which couples the plate of the 1st IF amp V501 into the filters. Someone suggested replacing it with something more reliable which is a really good idea.

When I got my R390A it didn't take long to discover the AGC wasn't working properly. This turned out to be caused by a short to ground in the output windings of one of the mech. filters. I worked around it by modifying the grid circuit of V502 to shunt feed in the AGC through a high value resistor (about 100k) and isolated the mech filter outputs with a 0.01 cap in series with the lead from the bandwidth switch, grounding the common point where the AGC used to feed to the mech filters. It seems to work OK and I'm pretty sure the 4Kc filter is the shorted one as it doesn't sound "quite right". I've got a new filter from Fair Radio but am still working up the courage to replace it - the wiring around those filters is <not> easy to work on!!

73

Morris

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995
From: Dave Hockaday <wb4iuy@nando.net>
Subject: bc-458/arc-5s...
Message-ID: <9510292334.AA05765@merlin.nando.net>

>>>Hello again Dave. It was me that was looking for the ARC-5 7010-marked
>>>resistors. I fear I don't have a single thing Heathkit left. I gave Jon
K7NV
>>>the GD-1 I had and that was the last of it. Do you have any other fields
>>>of interest?
>>>73 OM DE Dave AB5S/7
>>>Lost Wages, Nevada.

Hi Dave. I sent this to the group as I seem to be having some kind of problem mailing you directly. I have the 7010 fil resistor. Shoot me your adress and I'll send it to you. Anything else you need?? Don't worry about the cost, you may have a BA part I need sometime :-).

PS...Bill...if you're reading...what arc-5/bc458 osc parts do you need. I may be able to help you out as well...

73 guys!
de Dave WB4IUY

From boatanchors@theporch.com Sun Oct 29 22:39:00 1995
From: Sandra L Knepper <slkst29+@pitt.edu>
Subject: Boatanchors for Sale/Wanted
Message-ID: <Pine.3.89.9510290817.C11801-0100000@unixs5.cis.pitt.edu>

Wife still insisting that the RCA BTA-250L has to go to make room for the snow blower. What am I offered?

Also still have the NC-303 - what am I bid?

Thank you.

Dave, W3BJZ

From boatanchors@theporch.com Sun Oct 29 22:39:00 1995
From: Fire Bottle archive handler <firebotl@jackatak.theporch.com>
Subject: Re:Buyers and Sellers
Message-ID: <9510290838.aa20312@jackatak.theporch.com>

Robert Norman said:

>I agree, "make offer" always makes me feel unsure about what to say. I
>figure if a guy can't be honest enough to directly state what he feels
>his equipment is worth, then move on. He obviously is on some kind of a
>fishing expedition.

And Stan responded:

>I resent the implication that if I have something in my possession and I
>honestly don't know what it is worth, that if I don't put some wild guess
>down as an asking price I am dishonest.
I think we have probably hammered this thread pretty flat by now.

As one who is "guilty" of attempting to initiate such transactions, I can agree that some times I am on a "fishing expedition", but it sure isn't for money and profit.

Just yesterday, at the HamFest in Chattanooga, I had the extreme pleasure of spending some considerable and wonderful time with Barry Ornitz, WA4VZQ... It was a wonderful time, to meet another BA list member, and we shared some stories and recollections of the growth of the list... we had a wonderful lunch after wandering around OUTSIDE the hamfest, and we worked on designing a killer mobile antenna system. All in all, we had, I think, a wonderful time and I certainly enjoyed the HamFest more because of my meeting with Barry.

Well, you may recall that I mentioned a rather "large" swinging choke that I had that was "surplus" to my needs... Barry wrote and offered to take it, and we agreed to meet in Chattanooga at the HamFest there. Barry lives in Kingsport, Tennessee, which, oddly, is closer to Windsor, Ontario than to Memphis at the other end of the State! It was NOT a short drive to Choo-Choo City, but he and his bride made the trek, enjoyed the aquarium, and I hope Barry enjoyed the 'Fest. HE sure helped me to! ;^)

Well, that choke weighs enough to tip the rear of his wife's station wagon! We had not agreed on a "price"... I suppose I might have accepted cash for it, but that wasn't what was important to me. Certainly what I paid for it several years before was of NO relevance at all... the cost of moving the bloody thing three times when my address changed certainly couldn't be justifiably factored in. How to resolve this situation, which really was a "make offer" transaction.

After loading the choke into Barry's car, what followed was a discussion of which goodies he had that I might like in trade, and finally, although my efforts to pry a Jasik and Johnson out of his library failed, we settled on something I really do want: some antenna modeling software! Not copies of copyrighted materials, but the real thing, manuals and all! Now a piece of broadcast history, a huge old Gates swinging choke has found a home where it will be loved, and I hope used in a rig of Barry's crafting, has left my stewardship and passed on to Barry, and I have the excitement of waiting for the postman to deliver a few diskettes and pieces of paper that will start a new adventure for me.

Had I set a firm price, how would this have impacted the transaction? Let's assume that Barry still would have wanted the choke... if it were to be a sterile money-changing, would we have explored the many avenues we did? Would we have discovered the common, uncommon and overlapping interests we have? Would we have explored the hamfest

together as we did, sharing insights, spots of funky "stuff" under a table, or notice of a particular vendor that I have wanted to see for some time (Alan Bond, WA4GNT, who has a VAST assortment of vacuum variables -- I bought a 6KV 2500pf unit from him for a remote control tuner I am struggling with -- and big T00BS and sockets and roller inductors and marvelous stuff!))?? I suspect not. I suspect we might have chatted a few moments, hauled the choke to his car, pocketed the money and gone our separate ways.

As it was, I enjoyed a day at the HamFest more than I have in a long time. Thanks, Barry. It wouldn't have been possible without you. I saw loads of people I enjoy seeing and renewing acquaintances with, but something special happened because of a "make offer" and I think any effort to make a blanket assumption or statement about such transactions is missing something VERY important to humanity and our hobby.

Certainly, for a business, not having stated prices, even if there is room to dicker, is not a good practice. However, "ads" from submitters such as these are not welcome here on the BA list. This list is meant as a hobby, and the for sale and wanteds are here as a convenience and assist to those who ply the hobby. They are not and should never be the dominant theme of this list... and if someone says "make an offer" take him up on it... and see if you can find a common ground (use private email if you don't mind ;^) and a solution to the transaction. It might enrich your experience as mine did with Barry.

And now, could we please get back to those heavy metal BAs that make our lives unique and enjoyable? ENOUGH economics? Enough with the discussion of people who are attempting to profiteer... they *will* get theirs, in the end, if not before, and yammering endlessly on about it here won't change much, except raise blood pressure and cause bad feelings, so let's just stop and say: "No!"

--

73

Jack, W4PPT/Mobile (75M SSB 2-letter WAS #1657/#1789 -- both all mobile! ;^)

- - - BoatAnchor Mailing List Archiver/Owner - - -

firebot1@jackatak.theporch.com ---- listown@jackatak.theporch.com

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995

From: Lrware@aol.com

Subject: Cheap to good homes, National NC-125 parts

Message-ID: <951029184339_57695979@mail02.mail.aol.com>

Gentlemen: 2nd (and last) call for parts requests re. National NC-125
A few are already spoken for, most of radio still available, including:

IF/RF X-formers, controls, tuning caps, connectors, etc.
The badly butchered NC-125 I bought is going down for the last count...
Everything & Anything in it is \$1 to \$10 including shipping in USA.
"It's a sad day when a once great radio bites the dust."

-Larry Ware
lrware@aol.com

From boatanchors@theporch.com Sun Oct 29 22:39:00 1995
From: Sandra L Knepper <slkst29+@pitt.edu>
Subject: Collins 75A-4
Message-ID: <Pine.3.89.9510290924.D11801-0100000@unixs5.cis.pitt.edu>

I would like to get an authoritative answer on the highest serial numbered 75A-4 before Collins quit production. Howard, W3HM, told me that he worked on one that had a serial number slightly over 5500. He also indicated that Collins radio simultaneously made the A4 in Canada and in Cedar Rapids. My sources tell me that the the later models were made in Toronto exclusively. Howard told me that the Canadian models were stamped Canada on the rear serial plate and on the I.F. cans.

I do know that the later Collins 75A-4s had rounded front panel corners and all black lettering on the meter. The red portion above S-9 was missing.

Also how "rare" are the noise blankers for this unit that were mounted to the rear of the receiver?

Thank you.

Dave, W3BJZ

From boatanchors@theporch.com Sun Oct 29 22:39:00 1995
From: USSAILIS@forum.phast.umass.edu
Subject: RE Collins gear and inflation
Message-ID: <01HWZQTBC0B68Y5JY4@oitvms.oit.umass.edu>

Inflation is going at 3 dB/decade. Gov't acquisition cost for DOD stuff is heading up at 6 dB/decade. In 1959 electronics sold to the Gov't for about \$25/pound.

Armed with this wisdom, the question is, Is it profitable to knock-off some Collins look-alikes in the basement??

W1EQO

From boatanchors@theporch.com Sun Oct 29 22:39:00 1995
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: Re: CORRECTION
Message-ID: <Pine.ULT.3.91.951028204958.7864A-100000@admin.aurora.edu>

On Sat, 28 Oct 1995 TOM.A.ADAMS@mail.admin.wisc.edu wrote:

> to: boatanchors@theporch.com
>
> Re. "Gallop in' Gertie" and her nasty note:
>
> After work last night (0230) I fired up the old gal after changing the grid
> resistor from 47K to 27K. This was accompanied by shifting the feedback tap on
> the coil down somewhat (14 turns of 1/4" copper tubing, 3" OD, 5" long, now
> tapped at 5 turns from the cold end).
>
> The improvement in the chirp situation was immediate; my DX-100 has a nastier
> note on 10 metres than Gertie has now. The drift improved somewhat too, but it
> is still apparent that the feedback capacitor (oops, that SHOULD be
> "condenser"!) is changing value as it's heated by RF current flow.
>
etc.....>
>
73's,
> Tom, K9TA

Tom: I can't wait for the results when you put the carbom mic in the
antenna lead to modulate it (does the mic go before the flashlight
bulb, or after it) :-)

Have fun! de Bob, K9EUI

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995
From: HAMRLUND@aol.com
Subject: creamic coil forms available
Message-ID: <951029224737_92868183@mail02.mail.aol.com>

want to sell these.
price does not include shipping.

Ceramic coil forms.
L x Dia. in inches
x / = quantity of each

2/	5 x 1.25.....	\$5 ea.
1/	6 x 2.5.....	\$5
1/	6 x 2- 3/16.....	\$5

1/ 5 x 2.....\$5
 1/ 5.25 x 1-7/16.....\$5
 1/ 3.5 x 1-7/16.....\$5
 1/ 3 x 1-11/16.....\$5
 1/ 2.25 x 1-5/16.....\$5
 1/ 4-7/8 x 2-1/16.....\$5
 2/ 5 x 2.....\$5
 3/ 3.75 x 2.....\$5.
 1/ 6-3/8 x 2.....\$5.
 2/ 6 x 3 (1)-has slight cracking,epoxy would fix on inside...\$10 ea
 1/ 6 x 4 adjustable sliding tap.....\$15
 1/ 6.5 x 4 has inner ceramic form, adjustable sliding tap..\$15
 1/ 6 x 4 dual sliding taps, w/inner coil that rotates via outside gear..\$15

thanks

robert.....(if the price seems high, make an offer, I would)

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995
 From: David Stinson <72227.1640@compuserve.com>
 Subject: Drake AC-4 pinouts
 Message-ID: <951029222224_72227.1640_EHM101-2@CompuServe.COM>

Can someone give me the power connector pinouts
 for a Drake AC-4 power supply? I have one
 that needs a new plug. Have the plug but no diagram.
 Thanks,
 Dave AB5S/7
 72227.1640@compuserve.com

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995
 From: dmedley@indirect.com (David Medley)
 Subject: FS Millen GDM & Bridge
 Message-ID: <199510300209.TAA26658@ns2.indirect.com>

I still have the old Millen instruments for sale. These are:
 Model 90651 Grid dip Meter. In its original box with all coils.
 Model 90672 Antenna Bridge. No box but in great shape.

I want to sell these as a set because the bridge is not much good without
 the GDM. First offer over \$100.00 plus shipping will get both.
 Replies dmedley@indirect.com

From boatanchors@theporch.com Sun Oct 29 22:39:00 1995
From: Ron Eisenbrey <76623.2447@compuserve.com>
Subject: FS: Heathkit Accessories
Message-ID: <951029214347_76623.2447_BHA93-2@CompuServe.COM>

I have the following boatanchor accessories available for a new home.

1) SB-630 Station console, includes digital clock, SWR Meter, phone patch and timer. Good shape, no scratches on front panel. Has digital clock, not the telcron tumbler clock. \$50 postage paid in US, includes manual.

2) SA-2040 2kw antenna tuner. Heavy duty, balanced and un-balanced lines. Mint condition. Have been using it for years. With original manual, \$150 postage paid in US.

If interested please reply via email or you may call me at 713-491-7823.

73

Ron, AB5WG

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995
From: "William C. Robbins" <billrobb@serv01.net-link.net>
Subject: FS:Heath Manuals
Message-ID: <199510300037.TAA03396@serv01.net-link.net>

I finally got some time to inventory my duplicate Heath manuals.
Here they are. Let me know if you need one.

QM-1	Q Meter
MR-21	Mariner Radio Direction Finder
IB-2A	Impedance Bridge
HX-30	VHF SSB 6-Meter Transmitter
HW-20	Pawnee 2 Meter Transceiver
HW-100	SSB Transceiver
SB-310	Shortwave Receiver
HW-17A	2 Meter Transveiver
PM-2	Mobile Tuning Meter
GW-31	Handheld Transceiver
GR-81	Economy SWL Receiver
VX-1	Electronic VOX
QF-1	Q Multiplier
AM-2	Reflected Power Meter
HD-11	Q Multiplier
B-1	Balun

HD-10	Electronic Keyer
VF-1	VFO
HD-16	Code Oscillator
HN-31	Antenna Dummy Load
HG-10	VFO
HG-10B	VFO
GR-91	General Coverage Receiver
QM-1	Q Meter
XP-2	Power Pack for GC-1 Receiver
SB-10	Single Sideband Adapter
HA-10	Warrior Amplifier
DX-60	Transmitter
HW-16	CW Transmitter
DX-20	Transmitter
CB-1	CB Transceiver (CBer Lunchbox)
HW-19	10 Meter Transceiver (10er Lunchbox)
HW-30	2 Meter Transceiver (2er Lunchbox)
HW-12A	75 Meter SSB Transceiver
HW-22A	40 Meter SSB Transceiver
VHF-1	Seneca Transmitter
GD-125	Q Multiplier
MT-1	Cheyenne Transmitter
HX-20	SSB Transmitter
TX-1	Apache Transmitter
HM-15	Reflected Power Meter/SWR Bridge
XC-2	2 Meter Crystal Controlled Converter
SB-600	Speaker

Whew. Bill WA8CDU

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995
 From: Jeffrey Herman <jherman@hawaii.edu>
 Subject: Galaxy GT-550
 Message-ID: <Pine.SV4.3.91.951029125640.18676F-100000@uhunix3>

I've been given a Galaxy GT-550 (for the price of a steak dinner!).
 The schematic is an old photocopy that's difficult to read. Does
 anyone have a good photocopy (or an original manual or at least
 an original schematic)?

Anyone have any tips or horror stories related to the 550? I was
 given a copy of CQ REVIEWS THE GALAXY GT-550 from May 69 CQ - they
 seem to have a lot of good things to say about the rig.

73 from Hawaii,

Jeff NH6IL

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995
From: rmccarty@deltanet.com (Roger A. McCarty)
Subject: Re: Galaxy GT-550
Message-ID: <rmccarty.111.186FCED8@deltanet.com>

In article Jeffrey Herman <jherman@hawaii.edu> writes:

>I've been given a Galaxy GT-550 (for the price of a steak dinner!).
>The schematic is an old photocopy that's difficult to read. Does
>anyone have a good photocopy (or an original manual or at least
>an original schematic)?

>73 from Hawaii,
>Jeff NH6IL

Jeff,

I am very familiar with the GT-550. I have rebuilt many of them. Start troubleshooting the beast, figure out where it suffers, and if you need me too, I will be happy to tell you what I have seen in the past.

As far as a service manual goes, You can get one from Vintage manuals for about \$17.00. Their phone number is 1-800-807-6146. (No Joke!)

Roger KD6CC

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995
From: Jeffrey Herman <jherman@hawaii.edu>
Subject: Re: Galaxy GT-550
Message-ID: <Pine.SV4.3.91.951029161809.25315A-100000@uhunix3>

Okay, Roger - Thanks! I haven't even seen it yet - it's in Reno, NV and I'm in Hawaii. I'll pick it up in December while I'm visiting my mom in NV. I'll take your address with me and give you the minute-by-minute report. The previous owner says 'it works' so we won't be starting with a dead rig!

Thanks again!

Jeff

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995
From: TOM.A.ADAMS@mail.admin.wisc.edu
Subject: Gertie's Gone Bad!
Message-ID: <FATG5543.FATG5553@mail.admin.wisc.edu>

to: boatanchors@theporch.com

Greetings, Troops.

Last night after work I just couldn't stand it anymore; I hooked Gallopin' Gertie, the Hartley oscillator transmitter, to a real antenna, with the intention of actually WORKING somebody with it. It looks like I'm gonna get another lesson in the trials and tribulations of a Depression era ham.

Gertie works beautifully in the workbench, but when connected to an antenna it ALL goes bad, big time. The note becomes so modulated that it sounds like somebody stole the choke and filter capacitors out of the supply! It sounds like a chainsaw hitting a knot.

GADZOOKS! I've got RF floating around in there someplace where it shouldn't be, and stray radiation from the feedline is enough to tip the balance and make it apparent.

First thought: the RF choke feeding the plate isn't doing it's job, and RF is getting back into the supply. This would seem to be confirmed partly; touching a neon bulb to the individual pi windings of the choke, it lights up on all but the last winding. Applying the bulb to the "cold" end terminal (B+) doesn't light it up, but there may just be not quite enough at that point to ionize the bulb.

Second thought: when reworking the basic circuit to fit the parts I had, maybe it wasn't such a good idea after all to eliminate the filament bypass capacitors! ;-)

It looks like major surgery is in order, actually a transplant; from the Atwater Kent junker set, and into Gertie. It's a basic bypass capacitorectomy. We'll keep you posted.

BTW, a tip for those still building.

Don't hardwire the configuration of the coupling circuit in your rig. Leave yourself some flexibility to cope with the unexpected.

I couldn't get Gertie to load into the feeder of my Windom when the link and loading cap were set up in a series configuration. That was a bit surprising, but what the heck.

The rig loaded beautifully when a clip lead was added and the ground lead moved, reconfiguring the link as a parallel tuned circuit. In fact, she loaded SO well that I had to go scratching around for another flashlight bulb tuning indicator; she took it out in a blaze of glory!

The permanent fix is just a matter of adding a couple more fahnestock clips to provide jumpering options. No biggie.

Also, it's a good idea to dispense with the notion of going for an ultra-miniature rig; leave some extra breadboard space, even if you wind up never needing it. I did so and I'm now glad of it; I wound up needing someplace to put an extra fixed padding capacitor for the link circuit.

Hey, these things happen. What looks good on a scratch pad and what actually winds up as the finished rig are often two very different animals. Just allow for it.

73's,

Tom, K9TA

From boatanchors@theporch.com Sun Oct 29 22:39:00 1995
From: mjsilva@ix.netcom.com (michael silva)
Subject: Good tubes for a regen?
Message-ID: <199510290645.XAA11859@ix5.ix.netcom.com>

Hi, all,

Some time back there was a discussion about good tube choices for a regen receiver. Thought I saved the info but no such luck. Could somebody give me the condensed version again, including good octal choices, since that's most of what I have. Thanks.

73,
Mike, KK6GM

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995
From: Lrware@aol.com
Subject: Heath LP-1 for sale or trade...
Message-ID: <951029184303_57695560@emout04.mail.aol.com>

I have a Heath LP-1 Linearity Pattern Generator W/new tubes and output cable for sale or even better, trade. Will consider anything BA related. Or make an offer. (You can't insult me, I know it's not worth a lot!)

Also looking for National HR0- 50 or 60. Working or repairable unit. Does not have to be pristine, just decent. I've even got cash for the HR0! :-)

-Larry Ware
lrware@aol.com

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995
From: acierno@felix.TECLink.Net (mark acierno)
Subject: hello all.....
Message-ID: <9510300500.AA13261@felix>

Hello, I'm new to this list and I hope that this messge is not off topic. I got a swan 250c (too drifty c) about a year ago and have never gotten it to work right. As long as it connected to the dummy, it seems to be - ok- I say ok because during tune-up adjusting the P.A. plate knob can produce strange results on the meter - the meter jumps about quite a bit. Once the meter settles down, the tune-up is finished, and I switch to the antenna -the real trouble starts. In recieve mode all is well but as soon as I switch to transmit, the meter begins jumping all over and within 3 or 4 second the meter becomes pinned to the right. The ham who sold me the unit blames it ont he fact that I am using an indoor antenna (no outdoor antennas are allowed here) according to him he has "never heard of anyone using an indoor antenna on 6m - you need a good beam and a tower to work 6m!". I know this is not 100% true as there are other hams in my situation.

I'm not sure what I am doing wrong....this is my first tube rig (all my other stuff is solid state) I need some guidance. If anyone has any advice please let me know.

thanx

mark
n2uem

BTW - is the swan users group still alive?

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995
From: hultgren@surf.rio.com (John Hultgren)
Subject: Hickock 6000A tube adapter needed
Message-ID: <m0t9hYi-000eKnC@surf.rio.com>

Hello BAers,

I have acquired a nice Hickock 6000A tube tester. It has interchangeable plates with tube sockets on it. I have the "modern" one - it has Nuvistor and Noval bases. I need to get one of the "old"

ones. The one that has 4-pin, 5-pin, 7-pin (not miniature), 7-pin (miniature), 9/10-pin miniature, 6-pin, octal, and loctal sockets.

Naturally, I don't have anything with nuvistors and lots of older stuff, so I need the older plate. I believe that the part number is 1050-145.

If you have one of these that you would part with, or know of a source, I would be most appreciative.

John K7EX

From boatanchors@theporch.com Sun Oct 29 22:39:00 1995
From: n5off@w5ddl.aara.org
Subject: History Snoop, R-390A
Message-ID: <213434@w5ddl.aara.org>

Bill VanAlstyne has a good point about a Govt record of transactions. I have done some snooping, and came upon a term for a database (the name escapes me this moment) which held the vendors of particular gear. When I posted a query about this database here on BA, I got busted by a couple of volunteer "topic police". Don't know exactly why they were ticked off about tracking down BA history. Anyway, I've got a lot of behind left for them to chew one, so at risk of getting busted again, is there anyone out there in BA land who knows of this Govt records base which is used to record vendors for materials.

For instance, suppose I needed Army web belts. I'd pull up the record of vendors for these, and launch out bids. This is what Avondale Shipyards did in 1984 to get bids on new R-390A's, and they awarded the contract to Fowler. Fowler had been a previous vendor for 390A power supplies, and thus made it into this obscure data base.

Anyone know how to track down the vendors for web belts, or 390A's through the vendor's database?

73 de tom

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995
From: BHall188620@aol.com
Subject: Re: History Snoop, R390A
Message-ID: <951029182339_92674298@emout04.mail.aol.com>

[some material deleted for brevity]

>to chew one, so at risk of getting busted again, is there
>anyone out there in BA land who knows of this Govt records base
>which is used to record vendors for materials.
>For instance, suppose I needed Army web belts. I'd pull up the
>record of vendors for these, and launch out bids. This is what
>Avondale Shipyards did in 1984 to get bids on new R-390A's, and
>they awarded the contract to Fowler. Fowler had been a previous
>vendor for 390A power supplies, and thus made it into this obscure
>data base.
>Anyone know how to track down the vendors for web belts, or 390A's
>through the vendor's database?

I worked for a summer between my junior and senior years at Eaton Corp., Pressure Sensors Division. We did all sorts of military stuff, and one of my many jobs (I was the engr dept gopher, loved it) was working the CD ROM computer that had copies of all this info. (Monster machine, 4 CD ROM drives, two monitors, laser printer, very state of the art, and a library of about 400 CD's, updated every two weeks, what a machine)

One possibility, while I cannot remember the official name for it, is what we referred to as the "Cage Code" database. Every govt contractor has a cage code (four, five, six digit number depending on how old the company is), which ties them to a particular product or line of products. When a manufacturer stops making a product for the government, the cage code is transferred to a new manufacturer. If you knew the cage code, conceivably you could find a listing of all the manufacturers for that cage code. I had to hunt down a manufacturer of insulators this way.

Another possibility is you might have stumbled across a QPL, or Qualified Products Listing. To make a product, the military issues a Military Specification (mil-spec), which says what the product must do, what specs it must meet, and how to test it, etc... If the company proves that it can make the product to the mil-spec, its name is added to the QPL. If you knew what the mil-spec number for the R390A was, you could look up the QPL and it would list all the manufacturers qualified to build R390A's.

The really sad thing is that if I was working at Eaton I could so easily hunt all this down, as I was the "resident pro" at it. Too bad. However, it is very likely that all these documents have been "cancelled" and might not be readily available.

Anyone out there work for a military contractor? If so, check to see if you have an IHS DoDISS system. All of this stuff will be on it. Other than that, I don't even know who to contact. Any govt contractors out there with further info?

Ben
BHall188620@aol.com

From boatanchors@theporch.com Sun Oct 29 22:39:00 1995
From: mirage!pamars@uhura.neoucom.EDU (P.A.Marshall)
Subject: Home-made Tubes
Message-ID: <9510281418.AA27922@mirage>

I was look at the april '65 QST, on pages 23..25 there is a short bit by a Mr. Sam Diaz Pumara about home built vacuum tubes, it's not a lot but it shows that it can be done. I don't remember this story being mentioned in any of the past past discussions on this subject.

Al Marshall "Real Radios Glow in the Dark" almarshall@acm.org

As nightfall does not come at once, neither does oppression. In both instances, there is a twilight when everything remains seemingly unchanged. And it is in such twilight that we all must be most aware of change in the air--however slight--lest we become unwitting victims of the darkness.
Justice William O. Douglas

From boatanchors@theporch.com Sun Oct 29 22:39:00 1995
From: bill@texan.frco.com (William Hawkins)
Subject: Re: Home-made Tubes
Message-ID: <9510282353.AA01180@texan.frco.com>

Hello, the April issue? Might be a classic. Can you describe the method?

From boatanchors@theporch.com Sun Oct 29 22:39:00 1995
From: mirage!pamars@uhura.neoucom.EDU (P.A.Marshall)
Subject: Re: Home-made Tubes
Message-ID: <9510291628.AA29127@mirage>

johnmb@nando.net writes:

>

> Fascinating! Hmmmhhh... I wonder if a library here has
> back issues. Did he pull it off Al?

There is no doubt in my mind that this was *not* an april 1st article. There are two pictures of his shop, and two of tubes he had made, some are copies of twenties tubes. The artical starts out with a little on how he was impressed with tube construction as a child, then discusses vacuume systems, filaments, element construction and then the envelope

and seals. The author's bio was given as "Electronic Specialist, HRB-Singer, Inc., State Collage, Pennsylvania". As this was 30 years ago he must be very advanced in years, as he states that his interest "dates back fourty years to when I was a boy".

Al Marshall "Real Radios Glow in the Dark" almarshall@acm.org

As nightfall does not come at once, neither does oppression. In both instances, there is a twilight when everything remains seemingly unchanged. And it is in such twilight that we all must be most aware of change in the air--however slight--lest we become unwitting victims of the darkness.

Justice William O. Douglas

From boatanchors@theporch.com Sun Oct 29 22:39:00 1995

From: Bill VanAlstyne <bill@cruz.com>

Subject: How to snoop out the history of an R-390A?

Message-ID: <199510291848.AA22387@cruz.com>

Here's an interesting thought-chain for you. As I removed several layers of gray paint from my R-390A front panel yesterday and finally got down to bare aluminum, I discovered a number of "repairs" which had been made to the panel over the years. There's one spot which looks like it was ground down with a rotary grinder to remove a deep ding (and removed a couple engraved characters as well); there's another place where something about 2" in diameter hit it, *hard*, that hasn't been repaired... Another place that looks like it was resurfaced, somehow, with molten aluminum, or melted and reflowed and left rough...

And all this started me thinking... If that panel could talk! Where did all this damage come from? Where was this receiver used, and under what conditions? Was it in Viet Nam? Did it get pushed out of an airplane into Nicaragua or Cambodia?

I'm no expert on government procedures, that's for sure, but it seems to me that there ought to be records *somewhere* on who bought a particular, serialized R-390A, what happened to it -- its *history*. So I'm wondering if anyone on the list has ever tried to ferret out the history of their R-390A or similar gear, and if so, how it was done. At this juncture, I can't think of any good reason why any such information would be classified, and Freedom of Information ought to provide a means for reconstructing such a history, if one were motivated enough and dogged enough to wade through the bureaucracy.

Anybody ever done this, or thought about doing it?

Bill VanAlstyne, N6FN
bill@cruz.com

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995
From: paul Veltman <veltman@netcom.com>
Subject: I HATE CONTESTS!!!!!!
Message-ID: <Pine.3.89.9510292108.A10085-0100000@netcom21>

Does any one of you kind people out there have the name at CQ of the gentleman who set up this CQ World Wide DX fiasco that I had to endure this weekend? I owe this wonderful person a lovely note of appreciation for his efforts in making my weekend "unique".

TIA

73,
Paul WA6OKQ

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995
From: "/R=MUPPET/R=A1/U=BRIDGERS/O=Administration/TN=Ext-202/FFN=Tom
Bridgers/"@gonzo.ccl.org
Subject: Introducing myself, Tom, KE4RHH
Message-ID: <01HX10AE6KUS8Y513N@gonzo.ccl.org>

Am excited to find a group of boatanchor enthusiasts and look forward to participating in your discussions. I am very new to the InterNet, so I am doubly on tilt. Much like my first contact as Novice in 1954 using my Heath AT-1 and Hallicrafters SX-99. Later when I got my General ticket I upgraded to a Heath DX-100. A few local hams talked me into getting on 15 meters, and I worked the world with a 3 element yagi. One of my close friends at the time was K4BFN, John Anthony, who also was very active in the '50's and '60's. John was killed in an Army helicopter accident during his training as a pilot in 1967. A great guy who never knew a stranger and who was a great model for what a ham stood for....

I dropped out of ham radio for 25 years while attending to college, family and job needs. About a year ago a spark hit me to get reticketed and lo, last November, I passed the General to become KE4RHH.

Along the way of renewing my interests in ham radio, I have found great fun in tube-type equipment. So far my list of hollow state sets include R-390A's (Collins, CapeHart, etc), R-390's, R-392's, Collins 75A4 and KWM-2A, a DX-100, an SX-99, and Drake TR-4CW and a TR4CW/RIT.

Unbelievably to me I have had great success on 20 meter CW using my TR-4 CW fed into center fed 130' Zepp via 300 ohm twinlead and a Johnson 275watt matchbox. Ditto on 40 and 80.

But my prime interest are R-390A's. I have about a "thousand" questions I'd like to ask you about them, but I'll try to restrain myself and just focus in the months ahead on the few really big ones that are bugging the heck out of me!

73's

Tom KE4RHH Bridgers@a1@CCL@org

From boatanchors@theporch.com Sun Oct 29 22:39:00 1995

From: Sandra L Knepper <slkst29+@pitt.edu>

Subject: Re: KW-1 Is worth exactly this . .

Message-ID: <Pine.3.89.9510281944.C23599-0100000@unixs6.cis.pitt.edu>

I was talking to a gentleman this evening who sold his KWS-1, 75A-4 with speaker, and SC-101 last year for \$6500. So who knows what the stuff is worth. His concern when discussing the price to me was whether he had undersold the units. The ham who bought it was happy and the seller was happy. What could be better than that. It is like love. If two people come together and consummate a deal on a KW-1 or anyother piece of radio equipment, why should we criticize the price. Like my Corvette, when someone sells one for a high price that just makes mine more valuable. Isn't that how it works?

Why grumble about what the stuff is going for. Thank goodness that the equipment is being made available on the open market. I wonder how many of us are just sitting on a collection (and I am as guilty as the next collector) and just wont't part out any of it. Talk about calling the kettle black. I better shut up! Just my opinions for what they are worth.

Dave, W3BJZ

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995

From: "Gary H. Harmon, Jr." <gharmon@legend.txdirect.net>

Subject: Manuals Needed

Message-ID: <9510300523.AA11498@legend>

Hello from San Antonio. I am a newbie to this very interesting group and am looking forward to receiving more of the bits of information I have seen since joining Saturday afternoon. Keep up the good work!

I picked up some goodies recently at an estate sale and as you might guess, some of the manuals/etc were missing. I would greatly appreciate hearing from anyone of you that might help. Of course, copy and mailing costs greatfully refunded.

Heathkit MR-11 Mariner DF receiver
Heathkit IG-18 Sine/Square wave generator

Hallicrafters SX-111 (plus any ideas on how to restore damaged dial markings) HI

Transel Mark IIA Wattmeter

Gessy 20R 20a/12v regulated power supply

Linear Systems DC-DC converter, model Century 400

Thanks for reading and looking. Best 73,

=====

Gary H. Harmon, Jr., K5JWK	gharmon@txdirect.net
6302 Robin Forest	K5JWK@K3WGF.STX.USA.NOAM
San Antonio, TX 78239	

From boatanchors@theporch.com Sun Oct 29 22:39:00 1995
From: "Roberta J. Barmore" <rbarmore@indy.net>
Subject: Re: Millen Help
Message-ID: <Pine.3.89.9510291013.A7166-0100000@indy4>

Hi, Tim!

There are others here who will know more than I, but as the proud owner of a Millen 90800, I can offer a little advice. I'm not at home where the documentation is and I haven't put mine on the air yet, so some of this is tentative.

However, it's for sure that you *cannot* make a 90801 out of a 90800! Totally different tube line-up, circuit and front panel. Where the 90800 is a pretty straightforward prewar exciter (and by the way, the 6L6 stage can be either a tri-tet or a tuned-plate oscillator--that's why there's a switch to short out the cathode coil) with plain old parallel-tuned tanks

all the way through, the 90801 is more modern, with a couple of miniature tubes for osc and driver, followed by a 6146 with a pi-network output. If you want a 90801, *buy* a 90801. They can be found. (I'm still looking!)

The 90800 is not as bad a TVI-monster as commonly believed. Most of the problem can be taken care of by not slamming the poor tubes up against the wall at the full rated 600V plate supply. Jim Hanlon (I seem to recall) reports good results at 400V. Metering 807 grid current is suggested by Millen--just hang a small milliammeter in series with the -45V grid-bias battery--and will help in judging grid drive. If there *is* too much drive, you might've noticed there's a small ceramic or mica (it varies) trimmer on the back, between a feedthrough and the 807 grid pin, which can be used to reduce the drive. If you're going to use the 90800 to drive an amp, it's also a good idea to put the thing in a metal cabinet and take the usual precautions to keep unwanted RF out of the antenna; the additional tuned circuits in the amp should take care of any harmonics still lurking about. The shielding on a 90800 is pretty minimal, and it might be useful to scrounge up a small rack cabinet and do some tin-bending on the inside of it, being especially careful to avoid capacitive paths between the 6L6's tuned circuits and the output. (However, note that Jim Hanlon has good results *without* resorting to this).

My plans for the 90800 at home include using an antenna coupler of the low-pass type, probably the modified "ultimate transmatch" I have had for some years. These offer a fair degree of harmonic suppression. If I'm able to borrow the spectrum analyzer from work, I'll have a look and report on just how nasty the output is, but I really don't expect it to be too bad; televisions are better these days, TV stations run more power and it is to be hoped we amateurs aren't pushing our gear quite as hard. The Tennessee Valley Indians are still around, but they don't go on the warpath very much these days. :) ...Still not a good idea to let your guard down around them....

73,
--Bobbi

PS: for everyone I owe e-mail: it's coming, by and by. There's still not much free time--worked 56+ hours the past week, including flying to and from Toronto. Alas, without any spare time to see the city and look up local boatanchorites and/or their haunts! At that, I did see a BA; the transmitter manufacturer we were visiting had one of their early efforts, a late 1940s FM broadcast transmitter sitting all shined up in a corner of the plant! Cute little thing, a few kW at most.

--RJB

From boatanchors@theporch.com Sun Oct 29 22:39:00 1995
From: Andy Wallace <wallace@mc.com>
Subject: my keyer works -- pots can drift DOWN in value?!
Message-ID: <9510291742.AA04983@kali>

Well, couldn't sleep this morning despite getting an extra hour for going back to Standard time... Decided to open up the tube keyer and see why it sent at 40 wpm no matter what....

Took some measurements in the timing circuit, and even though there are a couple of resistors over a meg, they were in value. What was OUT of tolerance was the SPEED CONTROL POT, a 5 Megger! It had drifted DOWN to 2 meg!

I took it out of the keyer to verify. Yep, 2.1 Meg instead of five. No brand on it, but 5 MOhm stamped right on it. A liberal douse of tuner cleaner followed by Caig Deoxit brought it back to 5 meg, believe it or not. So something must have coated the carbon track and brought things down. What's the resistance of a few microns of nicotine?

The keyer now percolates well, down to 5 wpm or less, and back up to 50, should I ever develop nimble fingers.

I also dug out a crystal which tripled nicely to 21,107, and I made my first 15m contact in twelve years, with a fellow in Boulder, Colorado. Lots of packet QRM...I thought they stayed out of the Novice bands ... or does the Novice band not run from 21.1 anymore?

73,
--Andy
KA1GTT
wallace@mc.com

From boatanchors@theporch.com Sun Oct 29 22:39:00 1995
From: HAMRLUND@aol.com
Subject: Ohm-spun dummy load fs
Message-ID: <951029153503_57523747@emout06.mail.aol.com>

this is an AM broadcast station dummy load.
it is mutiple tap (9) loading (including 50 ohm)
its size is: 9.25 T x 7.75 W x 10.5 L
comes with a cooling fan: 10.5 across blades, 1590 RPM, 1/20 HP
consists of 9 plates (each marked 54 ohms)

OHM-SPUN RESISTOR
TYPE: WG

SERIA NUMBER: 29484
WATTS: 1,500
CATALOG #: 33809 X
MADE IN: U.S.A.
BY: THE STATES CO.
HARTFORD CONN.

\$200 shipped

thanks
robert

From boatanchors@theporch.com Sun Oct 29 22:39:00 1995
From: Sandra L Knepper <slkst29+@pitt.edu>
Subject: Re: Plastic Resto
Message-ID: <Pine.3.89.9510281949.A23599-0100000@unixs6.cis.pitt.edu>

Has anyone every thought to ask your local optometrist who may know how to polish plastic lenses.

There are a number of plastic cleaners on the market available through an automotive parts houses (NAPA).

Dave, W3BJZ

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995
From: Dave Hockaday <wb4iuy@nando.net>
Subject: Re: Please check your junkbox.
Message-ID: <9510292321.AA02773@merlin.nando.net>

>>Hello again Dave. It was me that was looking for the ARC-5 7010-marked
>>resistors. I fear I don't have a single thing Heathkit left. I gave Jon K7NV
>>the GD-1 I had and that was the last of it. Do you have any other fields
>>of interest?
>>73 OM DE Dave AB5S/7
>>Lost Wages, Nevada.

Hi Dave! I do have a 7010 fil resistor. Shoot me your adress and it'll be on the way. Maybe I'll need some BA parts one day that you have :-). Anything else you need??

73 de Dave WB4IUY

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995
From: Dave Hockaday <wb4iuy@nando.net>
Subject: Re: Please check your junkbox.
Message-ID: <9510292324.AA03450@merlin.nando.net>

>>I just saw your post. If you've got BC-458's would you consider selling
>>them. What kinda condition are they in? I mostly need the oscillator stuff
>>I don't need that filament resistor. ;-)
>>Regards,
>>Bill Sorsby, N5BU

HI Bill! What osc parts do you need??
73 de Dave WB4IUY

From boatanchors@theporch.com Sun Oct 29 22:39:00 1995
From: Jeffrey Herman <jherman@hawaii.edu>
Subject: Re: Radio Amateur's Handbook ???
Message-ID: <95oct29.094734hwt.464470@uhunix3.its.Hawaii.Edu>

Can someone help this guy out? He's not on BA so you'll need to
email him. His address is below. Jeff NH6IL

>I can't find in any public library the Radio Amateur's Handbook ,
>Where can I borrow it, I just need the chapters about old transformers
>rewinding ???
>
>Can you , please, answer by email.
>
>Thank you
>
>Gaetan Mailloux, Hull, Quebec, Canada
>ba221@FreeNet.Carleton.CA

From boatanchors@theporch.com Sun Oct 29 22:39:00 1995
From: don merz <71333.144@compuserve.com>
Subject: RBM-4, Millen Clipper FS
Message-ID: <951029165440_71333.144_DHB33-2@CompuServe.COM>

For Sale

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.
412-234-8819 (weekdays, EST or leave a message anytime).
71333.144@compuserve.com

Military RBM-4 receiver. Navy WWII RX covering 200khz - 2mhz in 4 bands. Made by Westinghouse. Nice looking, complete and unmodified. Tag dated 11/23/43. This has the older style frequency chart on a spool behind the window. Untested: \$99. Requires a separate power supply that is not included or will run on any 12vac/205vdc power supply. I have a creepy-looking but good-working homebrew supply for \$15 extra if you need it.

Original RBM-4 manual. \$30 with radio. \$40 separately.

Millen "Audio Clipper--Symmetrical Type" model 75016 serial number 6.

Looks brand new. Requires 2 mercury batteries not included. 1/4"

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995

From: Bill Smith <bilsmith@crl.com>

Subject: RE: RCA Xmitter

Message-ID: <Pine.SUN.3.91.951029182439.23539E-100000@crl5.crl.com>

On Fri, 27 Oct 1995, Robert M. Bratcher Jr. wrote:

> Dave, How much power does this RCA BTA250L put out? What was the frequency
> coverage. Don't have the \$1000 to spend but forgot your original specs
on the transmitter.>

250 Watts. Takes 1,500 to operate (input at 110vac). Looks and sounds beautiful. Runs 813's push pull modulator, and 813's (2) in parallel RF. Oscillator and buffer are 807's. Has four meters across the top of a 6-1/2 foot tall cabinet, RF, General Purpose (switch operated test of internal circuitry), HV (typically runs 1400 volts), and Plate Current.

Is not remote controlled, has four large manually operated circuit breakers (110VAC, Modulator ON, RF ON, and HV ON).

How do I know? I have one operating on 160M. I don't have the \$1000 either, or the shipping charges to get it across the country, or I would make an offer and put this one on 80M.

BTW, the mods to put it on 160 were non-destructive. It can go back to 1330khz in about 1/2 an hour.

73 de Bill, AB6MT
bilsmith@crl.com

From boatanchors@theporch.com Sun Oct 29 22:39:00 1995

From: "Roberta J. Barmore" <rbarmore@indy.net>
Subject: RE: RCA Xmitter (fwd)
Message-ID: <Pine.3.89.9510290317.A4816-01000000@indy4>

Hi, Gang!

I had sent some e-mail to Robert Bratcher in his question about the RCA BTA250L someone was wanting to sell, and he suggested it might be of wider interest. The old broadcast hands among us will likely point out some of the weirder RCA IDs that pop up when one ventures outside transmitters ("TK" for "television camera," for instance), but by and large RCA's system wasn't a bad one. It sure beats the present practice many broadcast equipment companies have adopted, that of giving their gear cute names and hiding the utilitarian alphabet soup that really identifies it!

So, without further ado, here's a slightly expanded explanation of why "RCA BTA250L" is all the info one needs to know the thing is a 250 transmitter for the AM broadcast band--and how to decide if you should rent a truck when going to pick up a BTF-50. :) (Do--and get a forklift, too!)

----- Forwarded message -----

Reading old RCA pro equipment ID numbers is an art in and of itself, but it's amazing how easy it is. The BTA250L would work out like this:

"BT" = Broadcast Transmitter
"A" = AM (550-1600kc/s)
"250"= three digits, power rating in watts (1-2 digits, power rating in kW)
"L" = a modification ID or revision letter. Some "revisions" are entire redesigns, see below.

In my career, I've worked with a couple revisions of the BTF5 and BTF10 (five and ten kW FM transmitters), a BTA-5U2 (5kW AM transmitter, revision U version 2), seen a TT5 (5kW TV transmitter ca. 1948!), fixed a TT50AH (the "A-line," 50kW TV transmitter from the late 1950s and a true classic; we took ours out :(but our sister station in Columbus, OH still uses an A-line for a standby transmitter!) and a TT50FH, the "F-line," that being the rig we burned up a HV power supply in the other week. Luckily for us, the TT50FH is actually a pair of TT25FH's in "parallel" and we stayed on at 50% power while fixing the damaged power supply. In the case of VHF TV transmitters (assumed--UHF's are "TTU###" etc.), the final letter indicated "lowband," channels 2-6 (L) or "highband," channels 7-13 (H); there's such a big gap that transmitter designs change significantly and there are almost no interchangeable parts between a TT50FH and a TT50FL, for example.

In the case of the TV rigs, nearly every new letter (and they used them all from A to G) meant a completely different transmitter. This is what led to the A-line, F-line, etc. shorthand way of referring to them. AM transmitters were always given power ID and model letter in casual

chat--WXLW had a "5F" or "5G," an AM rig with thyratron rectifiers, and my "5U2" at WNDE was a lot better-behaved (and about fifteen years newer).

73,
--Bobbi

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995
From: Bill Smith <bilsmith@crl.com>
Subject: RE: RCA Xmitter (fwd)
Message-ID: <Pine.SUN.3.91.951029184039.23539F-100000@crl5.crl.com>

Hi, Bobbi.. say, ask the old-timer engineers about the 1-EA transmitter, see if anybody remembers the "rest of the story"...(I heard it once, but better than 30 years ago, and I don't remember the details). I think it is a re-issued 1-DA 1Kw RCA AM.

73 de Bill, AB6MT
bilsmith@crl.com

From boatanchors@theporch.com Sun Oct 29 22:39:00 1995
From: TOM.A.ADAMS@mail.admin.wisc.edu
Subject: Re. RCA connectors for RF
Message-ID: <FASJ3641.FASJ3651@mail.admin.wisc.edu>

to: boatanchors@theporch.com

Re. the Rat Shack RCA to SO-239 adaptor:

This is a handy gadget in another way. Most folks don't realize it, but it will ALSO mate a UHF series connector to a Motorola connector (the one used in your car radio).

On the other hand tho, I ran into a problem with that adaptor.

On my old Heathkit 2 metre rig, the RF output is an RCA connector. Stuffing one of these critters in the hole immediately blew the fuses! It seems that just behind the connector on the rig was a chunk of metal that was at +12 VDC, and the adaptor shorted it to ground. That adaptor center pin is just a shade longer than the RCA plug it replaces.

With all the references in this thread to Collins using the RCA as an RF connector, I'm surprised that NO ONE has mentioned the other manufacturer that did it.

The Johnson "Navigator" used an RCA plug for RF output.

In truth tho I've never seen a Navigator that actually HAD it's original RCA connector. A change to an SO-239 is sorta instinctive with most hams, I think.

73's,

Mr. T.

From boatanchors@theporch.com Sun Oct 29 22:39:00 1995
From: Sandra L Knepper <slkst29+@pitt.edu>
Subject: Re: Re. RCA connectors for RF
Message-ID: <Pine.3.89.9510290818.B11801-0100000@unixs5.cis.pitt.edu>

One little tip on using RCA connectors. Remember that there are several types of male connectors that "slip" into the chassis mounted female connectors. One type has a short pin that may not mate with the connector. I have some bad experience with those short pin types. Make sure that you use the longer versions.

Thank you, Dave, W3BJZ

From boatanchors@theporch.com Sun Oct 29 22:39:00 1995
From: Dave Hockaday <wb4iuy@nando.net>
Subject: Re: Re. RCA connectors for RF
Message-ID: <9510291510.AA17190@merlin.nando.net>

> On my old Heathkit 2 metre rig, the RF output is an RCA connector. Stuffing
> one of these critters in the hole immediately blew the fuses! It seems that
> just behind the connector on the rig was a chunk of metal that was at +12 VDC,
> and the adaptor shorted it to ground. That adaptor center pin is just a shade
> longer than the RCA plug it replaces.

I use the same adapters on my heath stuff, and ran into the same problem early on. I snip the center pin of those adapters down in length to about 1/8" longer than the outer connection.

73 de Dave WB4IUY

From boatanchors@theporch.com Sun Oct 29 22:39:00 1995
From: pmills@cyberhouse.com (Phil Mills)
Subject: Re: Re. Ultimate BA; Collins
Message-ID: <199510282248.RAA29536@ns.cyberhouse.com>

Stan, I think there is a larger market with an established track record of going prices which will support \$25-\$30K for a 57 Bird. This price for a Bird is a tad high in the Houston marketplace unless the Bird is in really top shape. Mr Miller's excellent pocket guide says that only about 150 KW-1's were built and probably less than 100 survive. This is probably not a large enough market to really establish a "market" price.... whatever that is. I firmly believe that if you can find a willing buyer at your price, then that is the "market" price, however temporarily. The only problem to me with such outlandish asking prices is that people who read the ads think this is a "market" price and ask the same for theirs when they want to sell. This is just like my recent adventure in responding to an ad locally for a KWS-1 for \$1,500. The seller had picked this price because he had seen one advertised in ER for \$3,700 and figured it should be snapped up right away at \$1,500....apparently it wasn't as he called me about two weeks later and offered to take \$1,300 for it! BTW, I did not buy it as after deliberations with several fine participants of this list I looked around and found where I could get both a 75A4 and KWS-1 for that price....which might still be a little high depending on condition, etc.

thanks,
Phil

Phil Mills, AB5TH
pmills@cyberhouse.com
713-482-2763

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995
From: Michael Crestohl <mc@shore.net>
Subject: Some people have no idea.....
Message-ID: <199510300346.AA25462@northshore.ecosoft.com>

Hello All:

I had a nice time at the ham radio auction the other day. Arrived in the pouring rain after a 120 mile drive only to see a guy in a Bronco that had a R-390 in the back. I asked him what he wanted for it. "I got it from a garage sale and I don't use it", he said. "The tuning is very stiff," he added. "I just want to get rid of it!"

I made him an offer which he accepted, then he loaded it into the back seat of my car, despite Cynthia's disapproving glances. After he'd gone I looked at the R-390 and noticed that the dial lock was engaged.

Yes, it has both meters.

Happily,

PS: The intent of this post is not to gloat. Just that there are good radios still out there that can be gotten cheap if you only go looking!!!!!!

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> I made him an offer which he accepted, then he loaded it into the back seat  
> of my car, despite Cynthia's disapproving glances. After he'd gone I looked
```

>

73
Paul

As you folks read, I lost some mail in a system glitch.

GR/HN Connector and Tektronics: Still have those names,

will have the list up next week.

NIB 6E5 to be given away: Still have these too.

If we're hanging-fire on something, please get back to me.

Thanks,
Dave AB5S/7
72227.1640@compuserve.com

drake collins hammarlund hallicrafters military johnson

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995
From: HAMRLUND@aol.com
Subject: Telrex balun fed 40 & 80 M duo band kit NIB
Message-ID: <951029202337_78865968@mail02.mail.aol.com>

Have new in the box, Telrex model TBBFD/ 48
Telrex "balun" fed 40 & 80 Meter Duo-Band Kit.
complete kit, except the wire, 120' of #12 copper wire.(easily replaced)
kit contains:
2 Telrex 40 Meter traps (3 kw 40 mt)
4 high voltage insulators
1 Telrex "balun" (model ADB/321)

Instructions say: " This antenna will accept power on 15 meters"

comes with the blueprint style instructions for assembly.

A.K.A. Telrex Conical "V" Beam

also says: " (Available at Telrex)

welded steel mast, 2" O.D.X. .065 wall x 20 ft.

2- mast straps

4- bolts & nuts

complete \$20.50 F.O.B. Asbury Park N.J.

the date on one of newspapers used for packing, that i can see, reads:
October 2, 1960

all else is new in the box, as originaly packaged, 35 years ago.

\$85 shipped

robert

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995
From: "rohre" <rohre@arlut.utexas.edu>
Subject: Temp. QRT for me..
Message-ID: <n1397117878.29048@msmailgw1.arlut.utexas.edu>

Due to work and travel, (two jobs for a little while, should be back on next week.)
73 Friends,
Stuart K5KVH

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995
From: jproc@worldlinx.com
Subject: The Restoration - A Progress Report
Message-ID: <Chameleon.4.01.2.951029120133.jproc@jproc>

Fellow BA'ers,

Another season has drawn to a close aboard HMCS Haida, and that usually gives me a good reason to crank out another story about the on-going radio restoration project. For those of you who are interested, the newest story in the BA archives is called HMCS.HAIDA.06 and details the achievements of 1995.

A few of the BA members are credited with their participation in the project but you have to read the story to find out who they are. :-)

Regards,

~~~~~  
Jerry Proc VE3FAB  
E-mail: jproc@worldlinx.com  
Radio Restoration Volunteer  
HMCS Haida, Toronto Ontario  
~~~~~

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995
From: 817roberts2@wmich.edu
Subject: Tube ID...VT-20/7813
Message-ID: <Pine.PMDF.3.91.951029201016.669127144A-100000@wmich.edu>

Greetings gents,
A friend 'unearthed' a weird bottle...it's egg shaped with a strange UX-4 type base. One of the 4 pins is odd sized/positioned. Any idea what it is or for?

73, Chris KA8WFC

From boatanchors@theporch.com Sun Oct 29 22:39:00 1995
From: HAMRLUND@aol.com
Subject: Re: TV-7 tech manual
Message-ID: <951029074256_92362722@mail06.mail.aol.com>

>On Oct. 27, 1995, Steve Byan wrote:

>

>> My new 1996 AES catalog arrived yesterday. In the book section, I
>> noted that they now sell reproductions of the military service TM
>> for the TV-7 for about \$10. I suspect this is cheaper than buying
>> the real thing from NTIS.

>

>The reproduced TV-7 manual listed in the AES catalogue is the
>11-6625-274-12, 44 page operator manual, much of which includes packing
>lists, shipping and storage instructions, etc. There are probably fewer
>than a dozen or so pages that you'll probably find to have useful
>information. The 11-6625-274-35, field and depot maintenance manual may
>be what you want. The former basically tells the average Army private how
>to work the TV-7 while the latter gives you all the information you need
>for complete maintenance, including schematics and how to calibrate the
>unit.

>

>If you're fortunate enough to get a new or rebuilt TV-7D/U, it comes
>packed with the 11-6625-274-12 operator manual, but I suggest you get
>both. As I recall, the 11-6625-274-35 was \$19.50 from NTIS and is well
>worth the investment.

>

robert

From boatanchors@theporch.com Sun Oct 29 22:39:00 1995
From: "Terry O'Laughlin, RM:7135, #:6-6667" <OLAUGHLIN@vilas.uwex.edu>
Subject: urban legends
Message-ID: <MAILQUEUE-101.951028175905.448@vilas.uwex.edu>

> Heck, I'd give a solid \$10 to get a running Yugo.

Is there such a thing? :->

73 Terry O' WB9GVB

(Actually, my car collecting brother-in-law tells me that Yugo
convertibles are rare and heading up in value.)

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995
From: WA6JYJ@ESHOP.UOREGON.EDU (Larry Laitinen WA6JYJ/AAR0ET)
Subject: W0CXX
Message-ID: <951029162926.5df3@ESHOP.UOREGON.EDU>

>From the Callsign Server:

Callbook v1.3 Bug reports to bowen@cs.buffalo.edu Type 'help' for help
>> call w0cxx
Call-Sign: W0CXX Class: ADVANCED
Real Name: ARTHUR A COLLINS Birthday: SEP 9, 1909
Mailing Address: 13731 DANVERS DR, DALLAS, TX 75240
Valid From: DEC 3, 1985 To: DEC 3, 1995

From boatanchors@theporch.com Sun Oct 29 22:39:00 1995
From: km6sn@beacons.cts.com (Rod Davis)
Subject: wanted: 813 amp any condsx
Message-ID: <m0t8uFX-000HvqC@beacons.cts.com>

I am interested in an 813 amp, two tubes, any condition.
Reply via email only to km6sn@beacons.cts.com.
Thanks, Rod KM6SN

From boatanchors@theporch.com Mon Oct 30 06:16:00 1995
From: TOM.A.ADAMS@mail.admin.wisc.edu
Subject: Welcome Tom, KE4RHH!
Message-ID: <FATL5927.FATL5938@mail.admin.wisc.edu>

to: boatanchors@theporch.com

Hello Tom.

Welcome to the Brotherhood (and Sisterhood) of Big Iron Rigs and Fire-bottles!

We're a pretty informal and laid back bunch here, but I assure you that you'll be amazed by the depth and breadth of expertise you'll find, all available for only the expenditure of a few minutes at the keyboard.

I can see that you're already pretty well inoculated and indoctrinated in the love of old gear; except for the Drake stuff, your collection of gear is a lot like mine!

Most all of the regular message posters here has his or her area of part-

icular expertise. In time, I'm sure you'll carve yourself a similar niche.

I'd assume that you've already read the system's "welcome" message.

We all stick pretty close to it, and the guidelines given there WORK!

Unique among groups, you'll find that there is no flaming here. THAT is VERY bad form in this circle. Nobody here needs it, and nobody here tolerates it. Mutual respect, and an occasional voluntary contribution to the SYSOP, keeps the ol' reflector humming along. ;-)

Enjoy yourself here. You're among friends.

73's,

Tom "Mr. T." Adams, K9TA

The AM Voice of Sun Prairie,
Wisconsin (1885 KC, most of
time)

From boatanchors@theporch.com Sun Oct 29 22:39:00 1995
From: David Stinson <72227.1640@compuserve.com>
Subject: Who was it??
Message-ID: <951029014820_72227.1640_EHM119-1@CompuServe.COM>

My system threw a tantrum and I lost some mail.
Whom was it that needed the Tektronics 454 and
465 Scope manuals?

If you're missing a reply from me, please resend.

Thanks.

Dave Stinson AB5S/7

72227.1640@compuserve.com